Inventor: KIM et al.
Docket No.: 9983.142US01
Title: xDSL MODEM HAVING ADAPTIVE COMPENSATING FILTER OF NULL
GENERATED BY BRIDGED TAP
Attorney Name: CURTIS B. HAMRE
Phone No.: 612.336.4722
Sheet 1 of 9

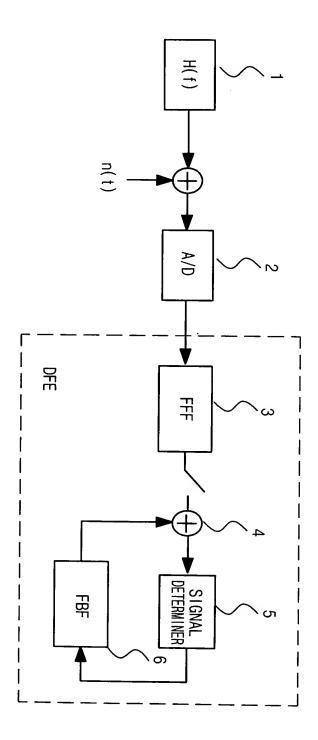


Fig.1 (Prior Art)

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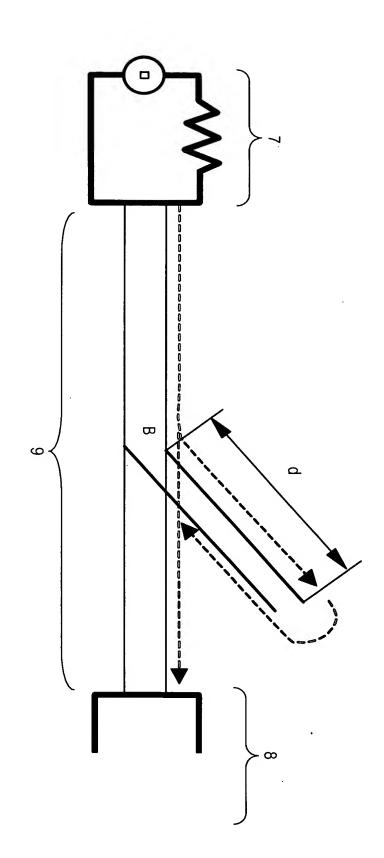


Fig.2 (Prior Art)

Inventor: KIM et al. Docket No.: 9983.142US01 Title: xDSL MODEM HAVING ADAPTIVE COMPENSATING FILTER OF NULL GENERATED BY BRIDGED TAP Attorney Name: CURTIS B. HAMRE Phone No.: 612.336.4722 Sheet 3 of 9 PSD(dB) [TRANSMITTING SIGNAL PSD] FREQUENCY (MHz) [CHANNEL TRANSFER FUNCTION HAVING BT] TRANSMISSION DAMAGE(dB) FREQUENCY (MHz) CHANNEL PSD(dB) [RECEIVED SIGNAL PSD] RECEIVING END FREQUENCY (MHz)

Fig.3 (Prior Art) Inventor: KIM et al.
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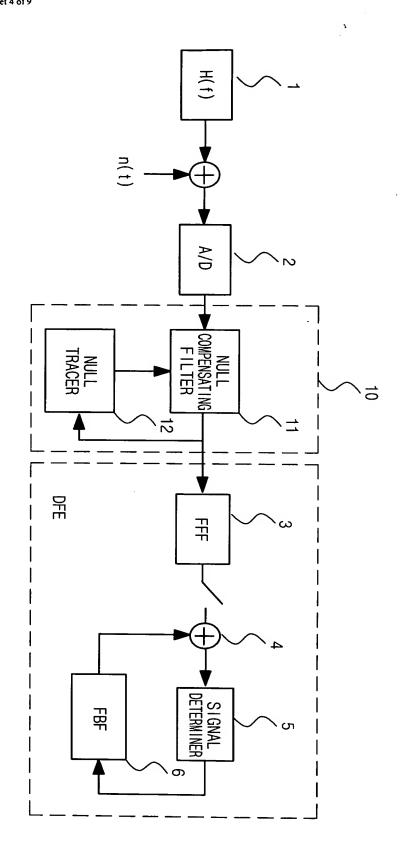
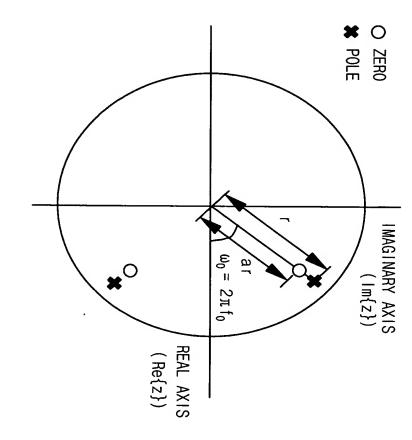
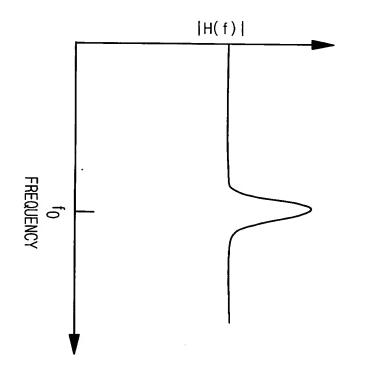


Fig.4

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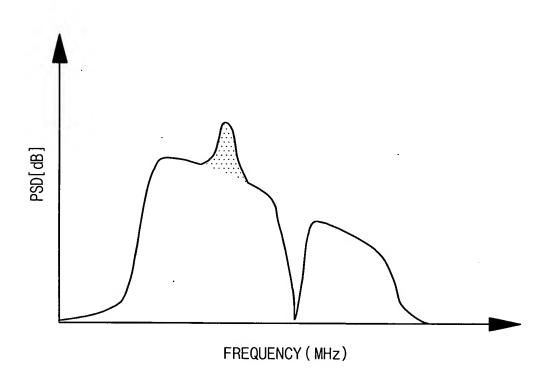


Fig.6A

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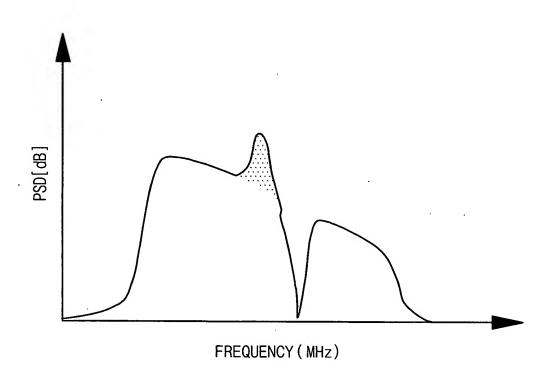


Fig.6B

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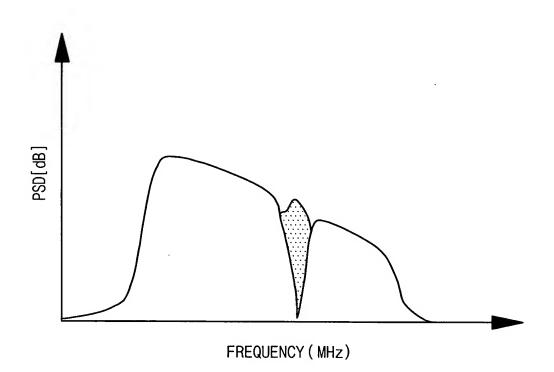


Fig.6C

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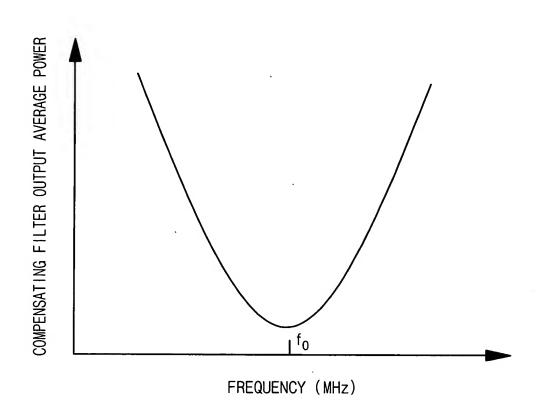


Fig.7